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Name of conveying party(ies)     ANANDA KUMAR; TIRUNELVELI RAVI; VIDYUT GOPAL;	2. Name and address of receiving party(ies)  Name: Crystal Solar, Incorporated  Address: 3050 Coronado Drive, Santa Clara, CA 95054
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance/Execution Date(s):  Execution Date(s) April 30, 2010  Assignment Merger  Security Agreement Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent number(s):	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) 12/766,765  Additional numbers atta	B, Patent No.(s)  ched? Yes No  6. Total number of applications and patents
Concerning document should be mailed:  Name: David H. Jaffer  Address: Intellectual Property Group  P.O. Box 10500	involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information (Our Ref.: 016265-0383595)
City: McLean  State: VA Zip: 22102  Phone Number: 650.233.4510  Fax Number: 702.770.7901  Email Address: david.jaffer@pillsburylaw.com  9. Signature: Signature	b. Deposit Account Number 033975  Authorized User Name Pillsbury Winthrop et al.  May 17, 2010  Date
David H. Jaffer  Name of Person Signing	Total number of pages including cover sheet, attachments, and document:  3

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**PATENT** 

**REEL: 024413 FRAME: 0461** 

Attomey's Docket No. 016265-0383595

**PATENT** 

## ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged

ASSIGNORS:

Tironelveli S. Ravi 4243 Verdigris Circle San Jose, CA 95134 Citizenship: USA

Ananda H. Kumar 1999 Blackfoot Drive Fremont, CA 94539 Citizenship: USA

Vidyut Gopal 938 Arlington Court Sunnyvalc, CA 94087 Citizenship: USA

bereby sell, assign and transfer to

ASSIGNEE:

Crystal Solar, Incorporated 3050 Coronado Drive Santa Clara, CA 95054 A Delaware corporation

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

## THIN FILM SOLAR CELL WITH CERAMIC HANDLING LAYER

and which is found in U.S. Application Serial No. 12/766,765 filed on April 23, 2010, which is a continuation-in-part of U.S. Application Serial No. 12/399,248 filed March 6, 2009, and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue

Assignment of Invention-page 1 of 2

PATENT REEL: 024413 FRAME: 0462

T-989

and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 4/30 , 2010

Date: 4/30 , 2010

Ananda H. Kumar

Date: 4/30 , 2010

Vidyut Goral